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	Filing Date		2007-04-06	
	First Named Inventor	Khalil Arar		
	Art Unit	1637		
	Examiner Name	TBA		
Attorney Docket Number		120361		

U.S. PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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	2	6251600	B1	2001-06-26	Winger et al.	

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	1	199914226	WO		1999-03-25	Wengel et al.		<input type="checkbox"/>
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	1	BEAUCAGE et al., "Advances in the Synthesis of Oligonucleotides by the Phosphoramidite Approach", Tetrahedron, 1992, pp. 2223-2311, Vol. 48, No. 12	<input type="checkbox"/>
	2	BEAUCAGE et al., "The Functionalization of Oligonucleotides Via Phosphoramidite Derivatives", Tetrahedron, 1993, pp. 1925-1963, Vol. 49, No. 10	<input type="checkbox"/>
	3	BEAUCAGE et al., "The Synthesis of Specific Ribonucleotides and Unrelated Phosphorylated Biomolecules by the Phosphoramidite Method", Tetrahedron, 1993, pp. 10441-10488, Vol. 49, No. 46	<input type="checkbox"/>
	4	BERNACCHI et al., "Exciton interaction in molecular beacons: a sensitive sensor for short range modifications of the nucleic acid structure", Nucleic Acids Research, 2001, e63, Vol. 29, No. 13	<input type="checkbox"/>
	5	CARDULLO et al., "Detection of nucleic acid hybridization by nonradiative fluorescence resonance energy transfer", Proceedings of the National Academy of Sciences USA, 1988, pp. 8790-8794, Vol. 85	<input type="checkbox"/>
	6	DAVIES et al., "Synthesis of fluorescently labelled oligonucleotides and nucleic acids", Chemical Society Review, 2000, pp. 97-107, Vol. 29	<input type="checkbox"/>
	7	ESPY et al., "Diagnosis of Herpes Simplex Virus Infections in the Clinical Laboratory by LightCycler PCR", Journal of Clinical Microbiology, 2000, pp. 795-799, Vol. 38, No. 2	<input type="checkbox"/>
	8	GRIMM et al., "Rapid Routes of Synthesis of Oligonucleotide Conjugates from Non-Protected Oligonucleotides and Ligands Possessing Different Nucleophilic or Electrophilic Functional Groups", Nucleosides, Nucleotides & Nucleic Acids, 2000, pp. 1943 - 1965, Vol. 19, Nos. 10-12	<input type="checkbox"/>
	9	HEID et al., "Real Time Quantitative PCR", Genome Research, 1996, pp. 986-994, Vol. 6	<input type="checkbox"/>

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10	HOLLAND et al., "Detection of specific polymerase chain reaction product by utilizing the 5' - 3' exonuclease activity of <i>Thermus aquaticus</i> DNA polymerase"; Proceedings of the National Academy of Sciences USA, 1991, pp. 7276-7280, Vol. 88	<input type="checkbox"/>
11	MARRAS et al., "Multiplex detection of single-nucleotide variations using molecular beacons", Genetic Analysis: Biomolecular Engineering, 1999, pp. 151-156, Vol. 14	<input type="checkbox"/>
12	MARSHALL et al., "DNA chips: An array of possibilities", Nature Biotechnology, 1998, pp. 27-31; Vol. 16	<input type="checkbox"/>
13	RIORDAN et al., "Identification of the Cystic Fibrosis Gene: Cloning and Characterization of Complementary DNA", Science, 1989, pp. 1066-1073; Vol. 245	<input type="checkbox"/>
14	TYAGI et al., "Molecular Beacons: Probes that Fluoresce upon Hybridization", Nature Biotechnology, 1996, pp. 303-308, Vol. 14	<input type="checkbox"/>
15	WHITCOMBE et al., "Detection of PCR products using self-probing amplicons and fluorescence", Nature Biotechnology, 1999, pp. 804-807, Vol. 17	<input type="checkbox"/>
16	YANG et al., "Fluorescence Resonance Energy Transfer as a Probe of DNA Structure and Function", Methods in Enzymology, 1997, pp. 417-444, Vol. 278	<input type="checkbox"/>

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